Claims

What is claimed is:

5   1.   A method for tracking objects in a program and for selecting an appropriate camera view, the method comprising the steps of:

        entering one or more user preferences;

        selecting one or more camera views, of a plurality of camera views, based on the one or more user preferences; and

        displaying the one or more selected camera views.

2.   The method of claim 1, wherein the program is a sports program comprising a plurality of objects, wherein the method further comprises the steps of tracking at least one of the plurality of objects, and creating a scene reconstruction comprising a representation of the at least one object and a representation of a playing area.

3.   The method of claim 2, wherein the method further comprises the step of creating an analysts scene reconstruction and overlaying the analysts scene reconstruction and the scene reconstruction having the at least one object.

4.   The method of claim 1, wherein the step of selecting one or more camera views, of a plurality of camera views, based on the one or more user preferences further comprises the step of selecting the one or more camera views based on one or more editing rules.

5.   The method of claim 1, wherein the step of selecting one or more camera views, of a plurality of camera views, based

on the one or more user preferences further comprises the step of editing transitions between camera views.

6.   The method of claim 1, wherein one of the preferences relates to tracking a particular object of a plurality of objects in the sports program, wherein the one object is in multiple camera views, and wherein the step of selecting further comprises the step of voting in order to select one of the multiple camera views.

7.   The method of claim 1, wherein there are a plurality of user preferences, wherein the plurality of user preferences are in an order, wherein a highest preference cannot be met by any camera view, and wherein the step of selecting further comprises the step of selecting a camera view based on a preference other than the highest preference.

8.   The method of claim 1, further comprising the steps of transmitting each of the plurality of camera views and receiving each of the plurality of camera views.

9.   The method of claim 1, wherein the program is a sports program, wherein one of the user preferences is to show a region of a field, and wherein the step of selecting further comprises the step of selecting, from the plurality of camera views, a camera view that shows the region of the field.

10.   The method of claim 1, further comprising the step of tracking, using at least one camera view, at least one object, wherein the step of entering further comprises the step of entering a user preference to track the at least one object, and wherein the step of selecting further comprises selecting a camera view that shows the at least one object.

11.   The method of claim 10, further comprising the steps of determining tracking information for the at least one object, transmitting the tracking information for the at least one object, and receiving the tracking information for the at least one object.

12.   The method of claim 1, further comprising the step of tracking, using at least one camera view, at least one object, and the step of determining statistical information by using the tracking of the at least one object, wherein the statistical information comprises at least one statistic, wherein the step of entering a user preference further comprises entering a preference to view the at least one statistic, and wherein the step of displaying further comprises the step of displaying the at least one statistic.

13.   The method of claim 1, wherein the step of entering further comprises entering a preference for one camera view, and wherein the step of selecting comprises selecting the one camera view.

14.   The method of claim 1, wherein the program is a sports program, wherein the sports program comprises a plurality of objects, wherein the method further comprises the steps of tracking each of the objects, determining tracking information for each of the objects, transmitting the tracking information for each of the objects, and receiving the tracking information for each of the objects, wherein the step of entering further comprises the step of entering a preference to be shown one or more of the objects, and wherein the step of selecting further comprises the step of selecting the one or more objects having a preference for being shown.

15.   The method of claim 14, wherein the sports program comprises a plurality of objects, and wherein at least one of the objects has a radio frequency tag attached to it.

16.   The method of claim 1, wherein the program is a sports program, wherein the sports program comprises a plurality of objects, and wherein at least one of the objects has a radio frequency tag attached to it.

17.   A system comprising:
        a memory that stores computer-readable code; and
        a processor operatively coupled to the memory, the processor configured to implement the computer-readable code, the computer-readable code configured to:
            enter one or more user preferences;
            select one or more camera views, of a plurality of camera views, based on the one or more user preferences; and
            display the one or more selected camera views.

18.   An article of manufacture comprising:
        a computer-readable medium having computer-readable code means embodied thereon, said computer-readable program code means comprising:
            a step to enter one or more user preferences;
            a step to select one or more camera views, of a plurality of camera views, based on the one or more user preferences; and
            a step to display the one or more selected camera views.

19.   A system comprising:

means for entering one or more user preferences;

means for selecting one or more camera views, of a plurality of camera views, based on the one or more user preferences; and

means for displaying the one or more selected camera views.

20.   A method for selecting an appropriate camera view on a receiver, the method comprising the steps of:

entering one or more user preferences;

receiving a plurality of camera views;

selecting one or more camera views, of the plurality of camera views, based on the one or more user preferences; and

displaying the one or more selected camera views.

21.   The method of claim 20, wherein the step of selecting one or more camera views, of the plurality of camera views, based on the one or more user preferences further comprises the step of editing transitions between camera views.

22.   A system for selecting an appropriate camera view on a receiver, the system comprising:

a memory that stores computer-readable code; and

a processor operatively coupled to the memory, the processor configured to implement the computer-readable code, the computer-readable code configured to:

enter one or more user preferences;

receive a plurality of camera views;

select one or more camera views, of the plurality of camera views, based on the one or more user preferences; and

display the one or more selected camera views.